Sheet 1 of 1 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO .: APPLICATION NO.: (REV. 7-80) PATENT AND TRADEMARK OFFICE 53433/2:2 10/732,910 INFORMATION DISCLOSURE CITATION APPLICANTS: Younan Xia and Yugang Sun (Uses several sheets if necessary) GROUP: FILING DATE: December 9, 2003 3653 **U.S. PATENT DOCUMENTS** DOCUMENT **FILING DATE EXAMINER** NUMBER DATE NAME CLASS **SUBCLASS** IF APPROPRIATE INITIAL AA AB AC FOREIGN PATENT DOCUMENTS TRANSLATION **EXAMINER** DOCUMENT NUMBER INITIAL DATE COUNTRY **CLASS SUBCLASS** YES NO AD AE AF OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) Yugang Sun and Younan Xia, "Shape-Controlled Synthesis of Gold and Silver Nanoparticles," Science, Vol. 298, ·/GW/ AG December 13, 2002, pages 2176-2179. Yugang Sun and Younan Xia, "Alloying and Dealloying Processes Involved in the Preparation of Metal Nanoshells Through /GW/ ΑH a Galvanic Replacement Reaction," Nano Letters, Vol. 0, No. 0, September 11, 2003, Department of Chemistry, University of Washington, pages A-D. Yugang Sun, Brian Mayers and Younan Xia, "Template-Engaged Replacement Reaction: A One-Step Approach to the Large-/GW/ ΑI Scale Synthesis of Metal Nanostructures with Hollow Interiors," Nano Letters 2002, Vol. 2, No. 5, February 21, 2002, Department of Chemistry, University of Washington, pages 481-485. Yugang Sun and Younan Xia, "Increased Sensitivity of Surface Plasmon Resonance of Gold Nanoshells Compared to that of /GW/ Gold Solid Colloids in Response to Environmental Changes," Analytical Chemistry, Vol. 74, No. 20, October 15, 2002, pages 5297-5305. Yugang Sun, Brian Mayers and Younan Xia, "Metal Nanostructures with Hollow Interiors," Advanced Materials, 15, No. 7-8, /GW/ AK April 17, 2003, pages 641-646. /GW/ AL Catherine J. Murphy, "Nanocubes and Nanoboxes," Science, Vol. 298, December 13, 2002, pages 2139-2141. Yugang Sun and Younan Xia, "Multiple-Walled Nanotubes Made of Metals," Communication to Advanced Materials, July, /GW/ AM 2003. Yugang Sun and Younan Xia, "Large-Scale Synthesis of Uniform Silver Nanowires Through a Soft, Self-Seeding, Polyol /GW/ AN Process," Advanced Materials, 14, No. 11, June 5, 2002, pages 833-837. Yugang Sun and Younan Xia, "Insights into the Replacement Reaction Between Silver Nanostructures and Chloroauric Acid /GW/ AO in Aqueous Medium," Article to JACS, October, 2003, 23 pages.

EXAMINER: Initial if reference considered, whether or not citation is in conformation with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED 06/20/2007

/George Wyszomierski/

**EXAMINER**